

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
18 August 2005 (18.08.2005)

PCT

(10) International Publication Number  
**WO 2005/076294 A1**

(51) International Patent Classification<sup>7</sup>: **H01F 41/08**,  
H02K 15/04

(21) International Application Number:  
PCT/AU2005/000125

(22) International Filing Date: 3 February 2005 (03.02.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
2004900536 5 February 2004 (05.02.2004) AU

(71) Applicant (for all designated States except US): **IN  
MOTION TECHNOLOGIES** [AU/AU]; PO Box 37237,  
Winnellie, Darwin, Northern Territory 0821 (AU).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **PATTERSON,  
Dean James** [AU/US]; 7031 s 38th st #83, Lancaster,  
Lincoln, Nebraska 68516 (US). **CAMILLERI, Steven**

**Peter** [AU/AU]; 8 Trochus Crescent, Woolner, Darwin,  
Northern Territory 0820 (AU). **EMBERY, Lyell Douglas**  
[AU/AU]; 23 Adcock Crescent, Nakara, Darwin, Northern  
Territory 0810 (AU).

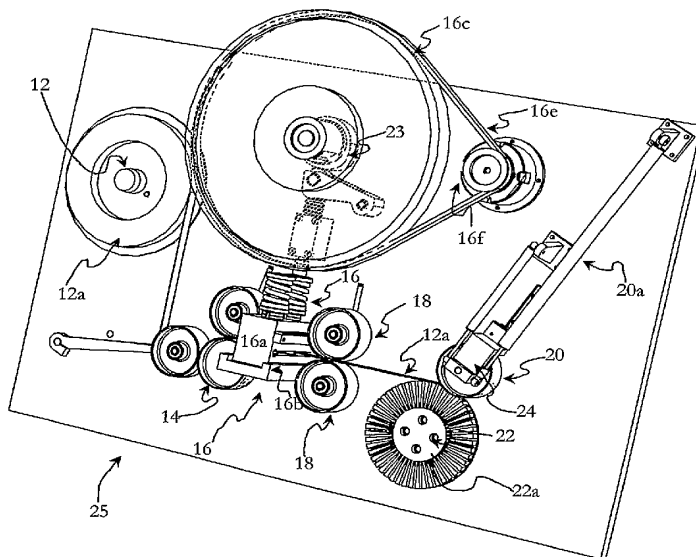
(74) Agent: **CAMILLERI, Steven Peter**; 8 Trochus Crescent,  
Woolner, Darwin, Northern Territory 0820 (AU).

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,

[Continued on next page]

(54) Title: AN AUTOMATED MANUFACTURING MACHINE



(57) Abstract: The present invention provides a method and machine for producing a slotted wound core (50). The machine includes a punch arrangement (16) arranged to punch apertures in a length of material (12a), a mandrel (22) for receiving the punched material, a control means and a mandrel indexing means. The positioning of the punch arrangement (16) and the mandrel (22) is fixed and the mandrel (22) is arranged to be rotated by the mandrel indexing means after each operation of the punch arrangement so that a roll of punched material is formed on the mandrel (22). The mandrel (22) is rotated by an amount (&agr;) determined by the control means. The control means determines the indexed amount so that selected apertures punched in the length of material align with one another when the material (12a) is rolled onto the mandrel (22) so that the aligned apertures form respective slots (52) of a desired configuration in the core (50).

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FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,  
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,  
GQ, GW, ML, MR, NE, SN, TD, TG).

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**Published:**

— *with international search report*